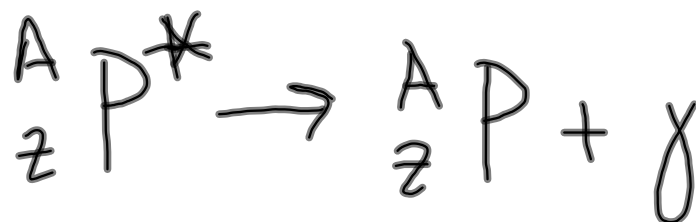


## • Gamma decay: ( $\gamma$ )

- any time there is  $\alpha$  - or  $\beta$  - decay, there will be  $\gamma$  - decay
- emitted photons have an energy range of few keV to several MeV.
- conversion



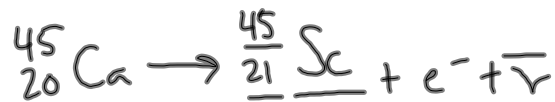
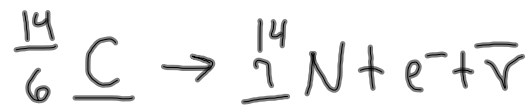
\* means excited state

## Balancing Decay reactions:

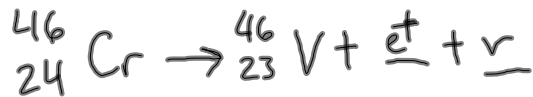
- Alpha decay:



- Beta decay: (minus)



$\beta^-$ -decay



$\beta^+$ -decay

